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WO DOCUMENT TYPE- A1 PUBLICATION DATE- 2000-09-28 PATENT PRIORITY INFO- 9906808.2, 1999-03-24, United Kingdom ATTORNEY, AGENT, OR FIRM- GALLAFENT & CO., 9 Staple Inn, London WC1V 7QH, United Kingdom  
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Orally administrable formulations containing a vitamin B(sub) 12 (end sub) component, preferably >hydroxocobalamin<, and phenylalanine are described. They may be taken at a specified daily dosage to provide 50 to 5000 mg phenylalanine per day and 0.2 to 50 mg of vitamin B(sub) 12 (end sub) component. They are used to treat pain or chronic fatigue syndrome. Other drugs or essential nutrients may be added such as folic acid, glucosamine or an anti-depressant drug as appropriate.

DESIGNATED COUNTRY(S) - AU; CA; NZ; US; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE.

78. ORAL COMBINATIONS OF >HYDROXOCOBALAMIN< AND FOLIC ACID - PCT 09-28-00  
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A variety of conditions is known wherein vitamin B(sub)12(end sub) is deficient, or wherein the administration of vitamin B(sub)12(end sub) is beneficial. Classically, once detected and if appropriate, these have been treated by the parenteral administration of vitamin B(sub)12(end sub) as oral administration is believed to be ineffective. Available oral preparations of vitamin B(sub)12(end sub) all contain cyanocobalamin which is less desirable than >hydroxocobalamin<. In accordance with the invention, effective oral formulations are provided which include, in addition to the >hydroxocobalamin<, folic acid or other folate precursor. The formulation for oral administration should be such as to provide, for a given daily dose, 0.5 to 50 mg >hydroxocobalamin< and 0.5 to 50 mg folic acid.

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